

Product datasheet for **RG201901**

ASB9 (NM_001031739) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASB9 (NM_001031739) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ASB9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201901 representing NM_001031739 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGGCAACAAGGGGGCATGGATGGGAGCAAGCCCGCGGGGCCAAGGGACTTTCCTGGCATCAGGC
TTCTTTCAAACCATTTGATGGGCGATGCTGTGTCTGATTGGTCTCCTATGCATGAAGCTGCAATCCACGG
ACATCAGCTGTCTCTGAGGAACCTCATCAGCCAGGGGTGGGCTGTGAACATCATCAGGCAGATCATGTT
TCCCCACTCCATGAAGCCTGTCTTGGAGTTCATCTCTTGTGTGAAGATTTTATTAAGCATGGAGCTC
AGGTGAATGGTGTGACAGCAGACTGGCACACTCCACTGTTTAATGCTTGTGTGAGCGGAGCTGGGATTG
TGTGAATTTGCTTCTGCAGCACGGAGCCAGCGTTCAACCTGAGAGTGATCTGGCATCCCCATCCATGAA
GCTGCTAGGAGAGGCCACGTGGAGTGTGTCAACTCTTATAGCTTATGGGGCAACATTGACCATAAGA
TCAGCCACCTGGGCACTCACTCTATTTGGCTTGTGAAAACCAACAGAGAGCCTGTGTCAAGAAGCTTCT
GGAGTCAGGAGCGGACGTGAACCAAGGAAAGGTGAGGATTTCCCACTTCATGCAGTGGCCAGGACAGCC
AGTGAAGAGCTGGCCTGCCTGCTCATGGATTTGGAGCGGACACCCAGGCCAAGAATGCTGAAGGCAAC
GTCCTGTGGAGCTGGTGCCTCCAGAGAGCCCTTGGCCAGCTCTTCTTGGAGAGAGAAGGGCCCCCTTC
TTTGATGCAGTTATGCCGCTTAGAATTCGGAAGTGTGTTTGAATCCAGCAGCATCATAAGATAACCAAA
CTCGTCTCCAGAGGATCTGAAACAGTTTCTCTACATCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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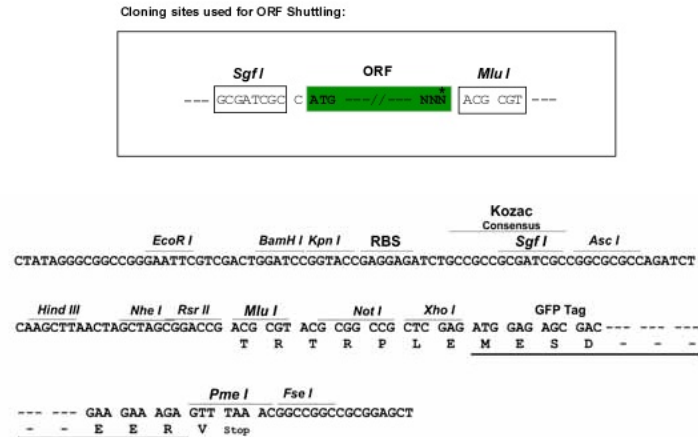
Protein Sequence: >RG201901 representing NM_001031739
 Red=Cloning site Green=Tags(s)

MDGKQGGMDGSKPAGPRDFPGIRLLSNPLMGDAVSDWSPMHEAAIHGHQLSLRNLSQGWAVNIITADHV
 SPLHEACLGHLSCVKILLKHGAQVNGVTADWHTPLFNACVSGSWDCVNLLLQHGASVQPESDLASPIHE
 AARRGHVECVNSLIAYGGNIDHKISHLGTPLYACENQQRACVKLLESGADVQKGQDSPLHAVARTA
 SEELACLLMDFGADTQAKNAEGKRPVELVPPEPLAQLFLEREGPPSLMQLCRLRIRKCFGIQHHKITS
 LVLPEDLKQFLHL

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001031739

ORF Size: 882 bp

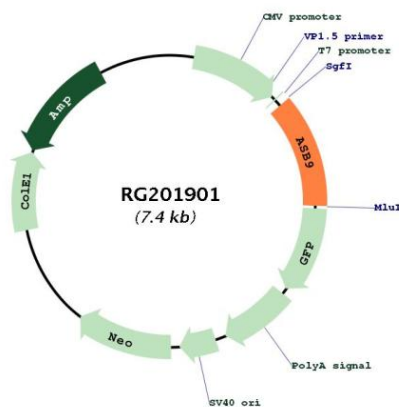
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min.
	2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
	3. Close the tube and incubate for 10 minutes at room temperature.
	4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
	5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001031739.3</u>
RefSeq Size:	1665 bp
RefSeq ORF:	885 bp
Locus ID:	140462
UniProt ID:	<u>Q96DX5</u>
Cytogenetics:	Xp22.2
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the ankyrin repeat and suppressor of cytokine signaling (SOCS) box protein family. Members of this family can interact with the elongin B-C adapter complex via their SOCS box domain and further complex with the cullin and ring box proteins to form E3 ubiquitin ligase complexes. They may function to mediate the substrate-recognition of the E3 ubiquitin ligases. A transcribed pseudogene of this gene has been identified on chromosome 15. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]

Product images:



Circular map for RG201901